

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S49	24	S45 or S48 or S46	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:04
S48	3	((MAURO) near2 (ALINI)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:04
S47	1591	S45 or s "39" or S46	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:04
S46	4	((THOMAS) near2 (KAUP)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:04
S45	19	((MARKUS) near2 (WIMMER)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:04
S51	8	S49 and (lamina or flow or laminar)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:05
S50	8	S49 and (lamina or flow)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:05
S53	13907	S52 and (implant or cell or lubricin or hyalur\$6)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:06
S52	33497	(lamina or laminar or laminal) flow	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:06
S57	12	S52 and (cell or lubricin or hyalur\$6) and (cartilage replacement)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:07
S56	1800	S52 and (cell or lubricin or hyalur\$6) and (implant or cartilage replacement)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:07
S55	1800	S52 and (cell or lubricin or hyalur\$6) and (implant or cartilage replacement)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:07
S54	13612	S52 and (cell or lubricin or hyalur\$6)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:07
S59	333	S52 and (cell or lubricin or hyalur\$6) and (cartilage) not hood	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:10

S58	938	S52 and (cell or lubricin or hyalur\$6) and (cartilage or implant) not hood	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:10
S60	170	S52 and (cell or lubricin or hyalur\$6) and (cartilage) not hood not shear\$4	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:12
S61	46	(S52 same (cell or lubricin or hyalur\$6)) and (cartilage) not hood not shear\$4	US-PGPUB; USPAT	ADJ	ON	2011/01/31 11:25
S122	46	(S113 same (cell or lubricin or hyalur\$6)) and (cartilage) not hood not shear\$4	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S121	170	S113 and (cell or lubricin or hyalur\$6) and (cartilage) not hood not shear\$4	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S120	333	S113 and (cell or lubricin or hyalur\$6) and (cartilage) not hood	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S119	938	S113 and (cell or lubricin or hyalur\$6) and (cartilage or implant) not hood	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S118	12	S113 and (cell or lubricin or hyalur\$6) and (cartilage replacement)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S117	1800	S113 and (cell or lubricin or hyalur\$6) and (implant or cartilage replacement)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S116	1800	S113 and (cell or lubricin or hyalur\$6) and (implant or cartilage replacement)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S115	13612	S113 and (cell or lubricin or hyalur\$6)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S114	13907	S113 and (implant or cell or lubricin or hyalur\$6)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26

S113	33497	(lamina or laminar or laminal) flow	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S112	8	S110 and (lamina or flow or laminar)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S111	8	S110 and (lamina or flow)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S110	24	S106 or S109 or S107	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S109	3	((MAURO) near2 (ALINI)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S108	1591	S106 or s "39" or S107	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S107	4	((THOMAS) near2 (KAUP)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S106	19	((MARKUS) near2 (WIMMER)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S105	12	lubricin same percent	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S104	21	proteoglycan same lubricin	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S103	9	proteoglycan near5 lubricin	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S102	7	proteoglycan near3 lubricin	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S101	4	((THOMAS) near2 (KAUP)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S100	3	((MAURO) near2 (ALINI)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S99	19	((MARKUS) near2 (WIMMER)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S98	152	hyaluronic acid same percent and cartilage	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S97	201	(lubricin or lubricin or PRG4 or proteoglycan) near4 (percent or mg or molar or ratio)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S96	2774	(lubricin or lubricin or PRG4 or proteoglycan) same (percent or mg or molar or ratio)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26

S95	30	(lubricin or lubricin or PRG4 or proteoglcans) same (percent or mg or molar or ratio)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S94	0	(lubricin or lubricin or PRG4 or proteoglcans) same (percent same mg or molar same ratio)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S93	13	(lubricin or lubricin or PRG4 or proteoglcans) same percent	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S92	1	(lubricin or lubricin or PRG4 or proteoglcans) near 5 percent	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S91	15	synovial fluid same ringers	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S90	82	chondrocytes same (lubricin or hyaluronic) same (solvent or solution or ringers or ringer or saline)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S89	30	scaffold same (cartilage or cell or chondrocytes) same coat \$4 same (ringers or saline)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S88	1848	scaffold same (cartilage or cell or chondrocytes) same coat \$4	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S87	3	cartilage near 5 scaffold same coat	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S86	12	collagen near 5 scaffold same coat	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S85	3	collagen scaffold same coat	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S84	4	cartilage regeneration same coat	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S83	2	("5709020" or ("5702456")).PN.	US-PGPUB; USPAT	OR	OFF	2011/01/31 14:26
S82	12	lubricin same coat \$4	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26

S81	44	hyaluronic near4 (saline or ringers) and cartilage and (lubricin or proteoglycan)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S80	126	hyaluronic near4 (saline or ringers) and cartilage	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S79	19	hyaluronic near4 (saline or ringers) and laminar	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S78	1096	hyaluronic near4 (saline or ringers)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S77	2440	hyaluronic same (saline or ringers)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S76	11	lubricin same (saline or ringers)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S75	68	lubricin and (saline or ringers)	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S74	11	ringers solution and lubricin and hyaluronic acid	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S73	37570	ringers solution	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S72	16	synthetic synovial fluid	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S71	7	cartilage replacement same synovial fluid	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S70	91	cartilage replacement and synovial fluid	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S69	7	lubricin and cartilage replacement	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S68	1	lubricin same cartilage replacement	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S67	26	cartilage repair and regeneration device and "method.ti."	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S66	0	cartilage repair and regeneration device and "method.ti"	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S65	95	cartilage repair and regeneration device and method	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S64	66	cartilage repair and regeneration.ti.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26

S63	0	cartilage repair and regeneration.ti.	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26
S62	0	cartilage repair and regeneration device and method	US-PGPUB; USPAT	ADJ	ON	2011/01/31 14:26

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